

# IDEM Cleanup Programs 2006

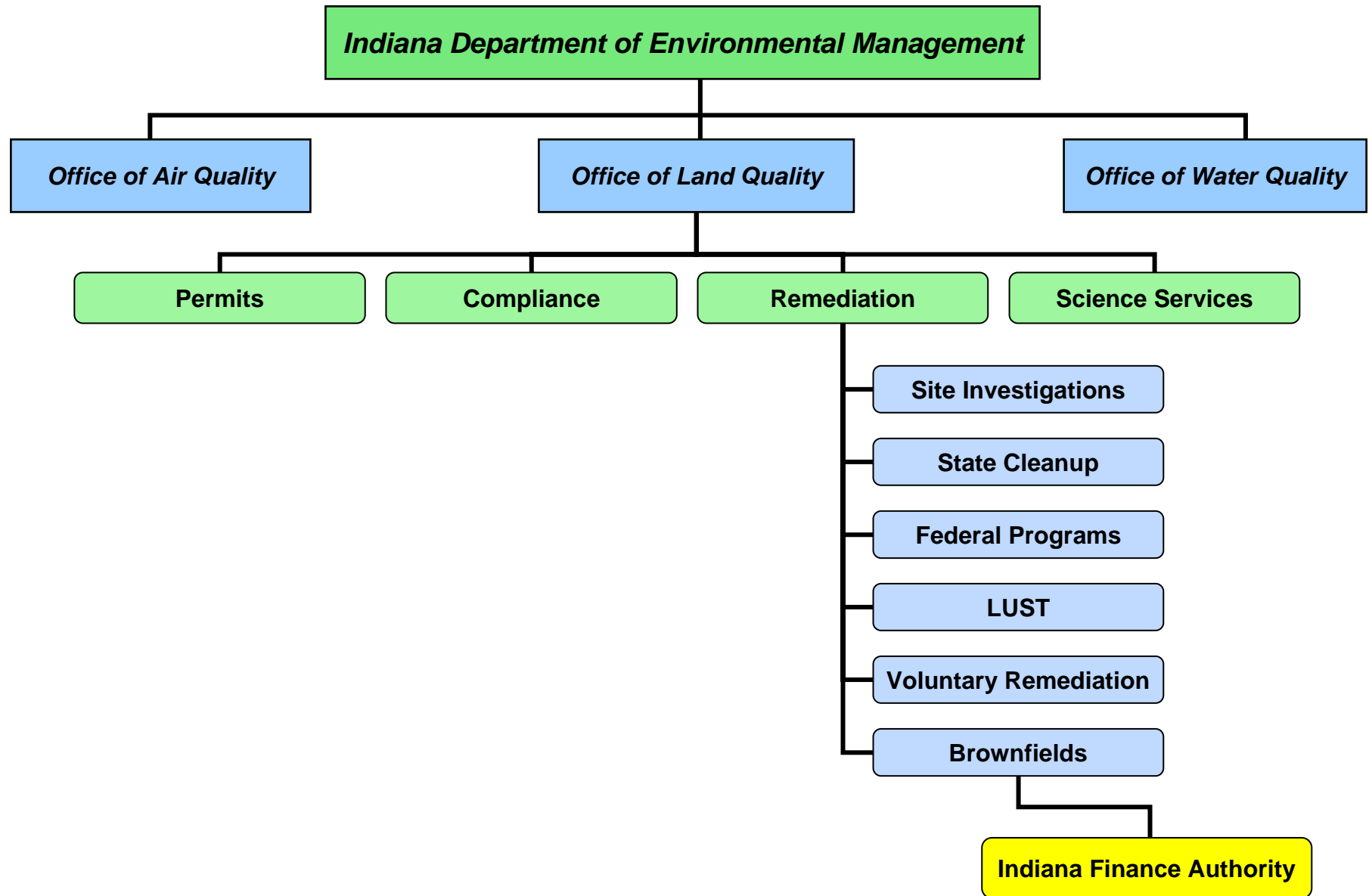
Indiana Department of Environmental  
Management

# So, I have this site...

- Where does *my* site belong?
- Who makes that decision?
- What are the state's cleanup programs?
- Why are there multiple cleanup programs?
- How do the programs differ?
- Where does Brownfields fit in?

A spiral-bound notebook with a light beige, textured cover. The metal spiral binding is visible along the left edge. The text is centered on the cover in a black, serif font.

Where are the  
Cleanup Programs  
in IDEM?



# The Cleanup Programs

# Site Investigations Section

*Where do sites come from?*

- Referrals
- Public
- Local government
- EPA
- IDEM investigations

# Site Investigations Section

*What types of sites does IDEM investigate?*

- Releases of hazardous wastes
- Public Water Supplies
- Lead Smelters
- Dry Cleaners
- Manufactured Gas Plants (MGP)
- ALF: Abandoned Landfill Initiative
- ....and many more.



# Site Investigations Section

*What is the investigative process?*

- CERCLA Pre-Remedial Process (Superfund)
- Federally Funded
- Site Discovery
- Preliminary Assessment (similar to the Phase I)
- Site Investigation (Phase II)
- Scoring Model / Hazard Ranking System
- National Priorities List (NPL)



# Site Investigations

- **Section Chief:** Gabriele Hauer
- **Project Managers:** (5)
- **Caseloads:** (50+)
- **Geology/Chemistry/RISC/Legal Support**
- **CERCLA Pre-Remedial:** 400+
- **Public Water Supplies:** 430
- **ALF Sites:** 300+

# Federal Programs Section

- Superfund Program
- Defense Environmental Restoration (DERP)
- Formerly Used Defense Sites (FUDS)
- Natural Resource Damages (NRD)

# Federal Programs Section

*How did this become a Superfund Site?*

- Scoring Model: 28.5+
- State Referral Letter
- Superfund Alternative Sites
- Federal Register
- National Priority List (NPL)
- Orphan Sites
- State Cost Share: 10%

# Federal Programs Section

- *So, now you are on the NPL. What's next?*
- National Contingency Plan
- Agreed Order on Consent
- Unilateral Order
- Remedial Investigation/Feasibility Study
- Record of Decision
- Consent Decree
- Remedial Design/Remedial Action
- 5 year Reviews

# Federal Programs Section

*What are Natural Resource Damages (NRD)?*

- Wetlands, fisheries, habitat, lost recreational opportunities

*Who are the NRD Trustees?*

- IDEM
- IDNR
- US Fish and Wildlife
- NOAA

# Federal Programs Section

- **Section Chief:** Rex Osborn
- Project Managers: (7)
- Superfund Sites: (37)
- Superfund Alternative Sites: (3)
- Defense Sites: (20)
- FUDS: (10)
- Natural Resource Damage Sites (39)

# Brownfields Technical Review Section

- Abandoned or idled properties
- Real or perceived contamination
- Barriers to redevelopment or reuse



# Brownfields Technical Review Section

*How did the Brownfield movement start?*

- Superfund liability

*How has that changed?*

- Federal *and* State issues
- Petroleum

*Are Brownfield cleanups different than the other cleanup programs?*

- *Yes*
- *No*

# ***Indiana Department of Environmental Management***

***Office of Air Quality***

***Office of Land Quality***

***Office of Water Quality***

**Permits**

**Compliance**

**Remediation**

**Science Services**

**Site Investigations**

**State Cleanup**

**Federal Programs**

**LUST**

**Voluntary Remediation**

**Brownfields**

**Indiana Finance Authority**

# Brownfields Technical Review Section

- **Section Chief:** Kevin Davis
- Project Managers: (6)
- Sites: (400+)
- Caseloads: (50+)
- IFA: (2) former IDEM staff & (1) IDFA

# State Cleanup Section

- State Cleanup
- Immediate Removals
- Remedial Response
- Commissioner's Bulletin

# State Cleanup Section

*Why is there a State Cleanup Section?*

- Addresses hazardous waste releases that Superfund cannot address.
- Addresses petroleum releases that Leaking Underground Storage Tanks cannot address.

# State Cleanup Section

*How does State Cleanup work?*

- State Scoring Model
- Commissioner's Bulletin
- Hazardous Substances Response Trust Fund
- National Contingency Plan
- Cost Recovery

# State Cleanup Section

*How is the State Cleanup Process different from Superfund?*

- 5 year Reviews

*Are petroleum sites handled differently than hazardous waste sites?*

- LUST process (RISC User Guide Chapt. 3)



# State Cleanup Section

- **Section Chief:** Harry Atkinson
- **Project Managers:** (9)
- **Caseloads:** 60-80 sites
- **Geology/Chemistry/Eng./Risk/Legal Support**
- **Immediate Removal Sites:** (12)
- **Remedial Response:** 700+ total:  
(10+)new/mo., 175 closed
- **Commissioner's Bulletin Sites:** (55)

# Voluntary Remediation Program

*Why do we have a Voluntary Program?*

- To offer finality to cleanups
- Make State oversight available to voluntary cleanups

# Voluntary Remediation Program

- Strictly voluntary
- No sites under enforcement action
- None with imminent or substantial threat
- Not necessarily the responsible party
- Program is self-supporting
- IDEM recovers its oversight costs
- Certificate of Completion (COC)
- Covenant Not to Sue

# Voluntary Remediation Program

*What is the VRP process?*

- Application
- \$1000 Fee
- VRA
- Remediation Work Plan
- Public Notice
- Certificate of Completion
- Covenant Not to Sue

# Voluntary Remediation Program

- **Section Chief:** Richard Harris
- **Project Managers:** (7)
- **Caseloads:** (50+)
- **Contracts / Project Manager:** 40-50
- **Applications to VRP:** 610
- **Sites active in VRP:** 354
- **Sites closed:** 175

# LUST Section

## Leaking Underground Storage Tanks

- Registered Petroleum Tanks
- ELTF: Excess Liability Trust Fund
- Low/Medium Priority Site Initiative

# LUST Section

*What is the LUST process?*

- Release Report
- Free Product Abatement
- Initial Site Characterization
- Further Site Characterization
- Corrective Action Plan
- Corrective Action Plan Report
- No Further Action Letter



# LUST Section

- **Section Chief:** Craig Schroer
- **IDEM Project Managers:** (12)
- **Caseloads:** 80-100+ sites
- **Geology/Chemistry/Eng./RISC/Legal Support**
- **ELFT Contractor (Navigant):** (21)
- **Low/Medium Priority Contractor (Psara):** (3)

# LUST Section

- 7,500 Registered USTs
- 3,500 Closed
- The backlog is 4000+ and growing at a rate of 600+ new sites per year
- Current closure rate is 250 per year
- ELFT : \$34 Million/yr from oil fees
- ELFT Claims/yr: 4,000
- ELFT Reimbursements: \$40-50 million / yr